

In the Specification:

[0049] Referring now to Fig. 6 7, an exemplary commissioning spectrum 130 for a single crystal is illustrated. Referring also to Fig. 2, it will be assumed spectrum 130 corresponds to edge crystal 182. Each spectrum 130 plots the number of photons absorbed by a corresponding crystal at specific energy levels on a vertical axis against energy level (i.e., E_i) on a horizontal axis. For instance, in exemplary spectrum 130 in Fig. 6, approximately five thousand absorbed photons had energy levels corresponding to a digital count of 80, approximately twenty thousand absorbed photons had energy levels corresponding to a count of 120 and approximately two thousand photons had energy levels corresponding to a count of 148. To generate a spectrum 130 generator 74 simply maintains counters for each possible digital energy value for each crystal and increments the appropriate counter when a photon energy level E_i matches the level associated with the counter.